1   1.   A method comprising:

2   enabling an audio stream to be received;

3   enabling the audio stream to be recorded on a

4   random access storage unit; and

5   enabling a portion of the audio stream to be

6   retrieved from the storage unit while continuing to record

7   the audio stream.

1   2.   The method of claim 1 wherein enabling an audio

2   stream to be received includes enabling a radio broadcast

3   to be received.

1   3.   The method of claim 1 wherein enabling an audio

2   stream to be recorded includes enabling the audio stream to

3   be recorded to a hard disk drive.

1   4.   The method of claim 1 wherein enabling a portion

2   of the audio stream to be retrieved includes enabling a

3   portion of the audio stream to be retrieved shifted by a

4   time delay and wherein after the time delay falls below a

5   predetermined threshold, enabling the retrieving of a

6   portion of the audio stream from the storage unit to be

7   discontinued.

1   5.   The method of claim 1 including enabling the

2   initiation of one or more storage operations of the audio

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3   stream into a random access storage unit and enabling

4   initiation of one or more random access reads of the audio

5   stream from the random access storage unit, wherein the one

6   or more stores are multiplexed with the one or more reads.

1   6.   The method of claim 5 including enabling the one

2   or more reads of the audio stream from the storage unit to

3   be used to playback the audio stream at a rate faster than

4   it is being stored.

1   7.   The method of claim 6 wherein after the time

2   delay falls below a predetermined amount of time, enabling

3   the one or more reads from the storage unit to be

4   terminated.

1   8.   The method of claim 6 including enabling the one

2   or more reads to access the audio stream offset by a time

3   delay from the audio stream being stored, the time delay

4   being variable over time.

1   9.   The method of claim 1 including enabling the

2   audio information to be stored as received, for playback in

3   the sequence the information was received and allowing

4   playback of any portion of the stored audio information

5   while continuing to store the incoming audio information.

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1   10. The method of claim 1 including allowing the

2   playback of the audio information to be paused while

3   continuing to store the incoming audio information.

1   11. The method of claim 1 including enabling

2   automatic playback of a portion of said stored audio

3   information having a predetermined duration.

1   12. An article comprising a medium storing

2   instructions that enable a processor-based system to:

3   receive an audio stream;

4   record the audio stream to a random access

5   storage unit; and

6   retrieve a portion of the audio stream from the

7   storage unit while continuing to record the audio stream.

1   13. The article of claim 12 further storing

2   instructions that enable the processor-based system to

3   receive a radio broadcast.

1   14. The article of claim 12 further storing

2   instructions that enable a processor-based system to record

3   the audio stream to a hard disk drive.

1   15. The article of claim 12 further storing

2   instructions that enable the processor-based system to

3 retrieve the portion of the audio stream shifted by time

4 delay and wherein after the time delay falls below a

5 predetermined threshold, discontinue the retrieving of a

6 portion of the audio stream from the storage unit.

1   16. The article of claim 12 further storing

2 instructions that enable the processor-based system to

3 initiate one or more storage operations in the audio stream

4 into random access storage units and initiate one or more

5 random access reads on the audio stream from the random

6 access storage unit, wherein the one or more storage are

7 multiplexed with the one or more reads.

1   17. The article of claim 16 further storing

2 instructions that enable the processor-based system to use

3 the one or more reads on the audio stream from a storage

4 unit to playback the audio stream at a faster rate than it

5 is being stored.

1   18. The article of claim 17 further storing

2 instructions that enable the processor-based system to

3 terminate the one or more reads from the storage unit after

4 the time delay falls below a predetermined amount of time.

1   19. The article of claim 17 further storing

2 instructions that enable the processor-based system to

3   access the audio stream by one or more reads offset by a

4   time delay from the time the audio stream is stored, the

5   time delay being variable over time.

1   20. The article of claim 12 further storing

2   instructions that enable the processor-based system to

3   store the audio information as received, for playback in

4   the sequence the information was received and playback any

5   portion of the audio information while continuing to store

6   the incoming audio information.

1   21. The article of claim 12 further storing

2   instructions that enable the processor-based system to

3   pause the playback of audio information while continuing to

4   store the incoming audio information.

1   22. The article of claim 12 further storing

2   instructions that enable the processor-based system to

3   automatically playback a portion of said stored audio

4   information having a predetermined duration.

1   23. A system comprising:

2   a processor;

3   a randomly accessible memory coupled to said

4   processor;

5   an audio receiver coupled to said processor; and

6   a storage storing instructions that enable the
7 processor to record an audio stream onto said memory and to
8 retrieve a portion of the audio stream from the memory
9 while continuing to record the audio stream.

1   24. The system of claim 23 wherein said system
2 includes an MP3 player.

1   25. The system of claim 23 wherein said system
2 includes a radio receiver.

1   26. The system of claim 23 including a device to
2 compress an audio stream.

1   27. The system of claim 23 including a device to
2 decompress the stored audio stream.

1   28. The system of claim 23 wherein said system is a
2 computer system.

1   29. The system of claim 23 wherein said storage
2 stores instructions that cause the playback of the audio
3 stream to catch up with the ongoing recording of the audio
4 stream.

1   30.   The system of claim 23 including a multiplexer to
2   multiplex reads and writes to said memory.